Listing of the Claims:

Claim 1 (Currently Amended): An electronic device for health index measurement, comprising:

a power receiving section ~~to be connected to a driving power supply~~ that receives a power supply voltage into which a specific signal expressed by a time-series voltage variation pattern is inserted for performing a specific control;

a voltage measuring section configured to measure a variation of a power supply voltage that is inputted to said power receiving section;

a signal extracting section configured to analyze ~~measured~~ data ~~thereof~~ measured by the voltage measuring section and to extract a specific signal contained in the measured data; and

a first control section configured to perform a specific control based on the signal extracted by said signal extracting section.

Claim 2 (Currently Amended): An electronic device for health index measurement, comprising:

a power receiving section ~~to be connected to a driving power supply~~ that receives a power supply voltage into which a specific signal expressed by a time-series voltage variation pattern is inserted for performing a specific control;

a voltage measuring section configured to measure a variation of a power supply voltage that is inputted to said power receiving section;

a signal extracting section configured to analyze ~~measured~~ data ~~thereof~~ measured by the voltage measuring section and to extract a specific signal contained in the

measured data;

a first control section configured to perform a specific control based on the signal extracted by said signal extracting section;

a second control section configured to perform a control for health index measurement and other necessary controls; and

a switch section configured to transmit a switching signal and other signals to each section by a predetermined setting operation,

wherein said second control section has a control function of controlling said voltage measuring section, said signal extracting section and said first control section to operate and perform a specific control only when said switch section is in a predetermined set state.

Claim 3 (Currently Amended): An electronic device for health index measurement, comprising:

a power receiving section ~~to be connected to a driving power supply~~ that receives a power supply voltage into which a specific signal expressed by a time-series voltage variation pattern is inserted for performing a specific control;

a voltage measuring section configured to measure a variation of a power supply voltage that is inputted to said power receiving section;

a signal extracting section configured to analyze ~~measured~~ data ~~thereof~~ measured by the voltage measuring section and to extract a specific signal contained in the measured data;

a first control section configured to perform a specific control based on the signal

extracted by said signal extracting section;

a second control section configured to perform a control for health index measurement and other necessary controls; and

one switch section, or two or more switch sections configured to transmit a switching signal and other signals to each section by a predetermined setting operation,

wherein said first control section has a function of performing a kind of control selected from plural kinds of specific controls when receiving a specific signal from said signal extracting section, and said second control section has a function of selecting a kind of control to be performed in said first control section in accordance with which switch section of said plural switch sections is operated and having it executed.

Claim 4 (Currently Amended): An electronic device for health index measurement, comprising:

a power receiving section ~~to be connected to a driving power supply~~ that receives a power supply voltage into which a specific signal expressed by a time-series voltage variation pattern is inserted for performing a specific control;

a voltage measuring section configured to measure a variation of a power supply voltage that is inputted to said power receiving section;

a signal extracting section configured to analyze ~~measured~~ data ~~thereof~~ measured by the voltage measuring section and to extract a specific signal contained in the measured data;

a first control section configured to perform a specific control based on the signal extracted by said signal extracting section; and

a second control section configured to perform a control for health index measurement and other necessary controls;

wherein said second control section has a function capable of selecting and executing one kind of operation mode, or two or more kinds of operation modes as an operation mode of said electronic device, and has a function of operating said voltage measuring section, said signal extracting section and said first control section to make them perform the specific control only when a specific operation mode is selected out of these operation modes.

Claim 5 (Currently Amended): An electronic device for health index measurement, comprising:

a power receiving section ~~to be connected to a power driving supply~~ that receives a power supply voltage into which a specific signal expressed by a time-series voltage variation pattern is inserted for performing a specific control;

a voltage measuring section configured to measure a variation of a power supply voltage that is inputted to said power receiving section;

a signal extracting section configured to analyze ~~measured~~ data ~~thereof~~ measured by the voltage measuring section and to extract a specific signal contained in the measured data;

a first control section configured to perform a specific control based on the signal extracted by said signal extracting section; and

a second control section configured to perform a control for health index measurement and other necessary controls,

wherein said first control section has a function of performing a control selected from plural kinds of specific controls when receiving a specific signal from said signal extracting section; and

wherein said second control section has a function capable of selecting and executing one kind of operation mode, or two or more kinds of operation modes as an operation mode of said electronic device, and has a function of selecting a kind of control to be performed in said first control section in accordance with which operation mode of these operation modes is selected and having it executed.

Claim 6 (Previously Presented): The electronic device for health index measurement according to claim 1, wherein the specific signal is given as a time-series variation of a power supply voltage within a range that assures a normal operation of said electronic device.

Claim 7 (Previously Presented): The electronic device for health index measurement according to claim 1, wherein plural kinds of the specific signals are prepared, said first control section has plural operation modes corresponding to the plural kinds of specific signals, and selects and executes a specific operation mode corresponding to the kind of specific signal extracted by said signal extracting section.

Claim 8 (Original): The electronic device for health index measurement according to claim 7, wherein the operation mode is a mode in which function setting is performed.

Claim 9 (Previously Presented): The electronic device for health index measurement according to claim 1, wherein said specific control section has a function of writing the signal extracted by said signal extracting section into a nonvolatile memory as individual information.

Claim 10 (Previously Presented): The electronic device for health index measurement according to claim 1, wherein, said control section has a function of writing an operation program that is given by the signal extracted by said signal extracting section into a nonvolatile memory.

Claim 11 (Currently Amended): A control method of an electronic device for health index measurement including a power receiving section, comprising:

receiving a power supply voltage into which a specific signal expressed by a time-series voltage variation pattern is inserted for performing a specific control;

performing said specific control by connecting a driving power supply for supplying the power supply voltage into which a digital code expressed by the time-series voltage variation pattern is inserted for performing the specific control, to said power receiving section of the electronic device for health index measurement according to claim 1; and

applying from said power supply to said power receiving section of said electronic device a power supply voltage in which a digital code ~~of~~ expressed as a voltage variation pattern that is a combination of a high-level and low-level voltages is incorporated so that said electronic device performs a specific control based on the digital

code.

Claim 12 (Canceled).

Claim 13 (Currently Amended): The control method of the electronic device for health index measurement according to claim 11, wherein ~~said driving power supply has a function for incorporating an inputted optional digital code to the power supply voltage,~~ by incorporating an optional digital code inputted in said driving power supply, ~~and~~ said electronic device performs a control corresponding to the incorporated digital code.

Claim 14 (Currently Amended): The control method of the electronic device for health index measurement according to claim 11, wherein <u>in</u> said driving power supply, ~~sets~~ a low level voltage period with a predetermined length before an incorporating period of the digital code <u>is set</u>, the low level voltage being higher than the minimum operating voltage of said electronic device, and after the low level voltage period, the digital code that begins with a high level voltage is incorporated <u>in a power supply voltage</u>.